

REMARKS

Claims 1-7 stand rejected as anticipated by Zavracky or as made obvious by Zavracky in combination with other references. These rejections are respectfully traversed.

Applicants have amended independent claims 1, 2, and 7. Each of the independent claims as amended recites performing a sequential operation in connection with the gamma-correction. Claims 1 and 2 recite that the gamma-correction voltage switching circuit sequentially outputs the gamma-correction voltages for each color component. Claim 7 recites sequentially performing the gamma-correction on each color component. These features are not taught by Zavracky.

In the final Action, the Examiner stated that sequential operation on gamma-corrected display signals is taught in Figs. 15A and 16 and paragraphs [0123]-[0126] of Zavracky. Applicants submit that there is no teaching in Zavracky of any sequential operation on gamma-corrected display signals.

The teachings of Zavracky in connection with gamma correction are very limited and come nowhere close to teaching the claimed sequential operation on color component signals. In fact, Zavracky is completely silent with regard to the timing of gamma-correction. The only mention of operation on gamma-correction correction signals is in paragraphs [0068]-[0069] of Zavracky. In these paragraphs, Zavracky discloses that “[t]he video receiver interface 10 can also receive control interface signals...at 17B for inversion, gamma correction and liquid crystal voltage offset...The drive circuitry can incorporate gamma corrections and shading corrections as noted above. Gamma corrections may be required for each primary color...” Here, Zavracky only describes that a video receiver interface receives signals for gamma correction of individual colors. There is no mention in these paragraphs, or anywhere else, of any sequential operation on these signals. It is quite simply beyond the scope of Zavracky to describe how gamma-correction is performed.

While the Examiner is correct in noting that Zavracky teaches that gamma correction can be performed on each primary color, applicants submit that Zavracky is completely silent on how or when the correction is performed on each color. There is no suggestion that gamma correction is or even could be performed sequentially.

The Examiner correctly noted that Zavracky describes that MUX 740 simultaneously receives separate red, blue, and green signals and multiplexes them onto a single signal line carrying a sequential RGB signal. However, even if these RGB signals have been gamma-corrected when output from MUX 740 (an issue which applicants do not concede), there is still no disclosure in Zavracky of sequentially performing the gamma-correction on those signals. For example, Zavracky might output sequential gamma-corrected signals after having simultaneously performed gamma-correction on each color component using multiple gamma-correction voltage switching circuits operating in parallel before the signals are input to MUX 740. Zavracky is simply silent on this issue. Thus, there is no cognizable teaching in Zavracky of sequentially performing gamma-correction on multiple color components.

For these reasons, applicants respectfully submit that Zavracky fails to anticipate claims 1 and 7 and request that the rejection of these claims be withdrawn.

The Examiner has not suggested in the final Action that the other references relied upon in combination with Zavracky to reject claims 2-7 as obvious teach sequential gamma-correction operations on each color component. For this additional reason, the rejection of claims 2-7 as obvious in light of Zavracky in combination with other references should also be withdrawn.


An early action allowing claims 1-7 is solicited.

If it is determined that a telephone conference would expedite the prosecution of this application, the Examiner is invited to telephone the undersigned at the number given below. In the event the U.S. Patent and Trademark Office determines that an extension and/or other relief is required, applicants petition for any required relief including extensions of time and authorize

the Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to Deposit Account No. 03-1952 referencing docket no. 606402013300.

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Respectfully submitted,

By 
James M. Denaro
Registration No.: 54,063
MORRISON & FOERSTER LLP
1650 Tysons Blvd, Suite 300
McLean, Virginia 22102
(703) 760-7739